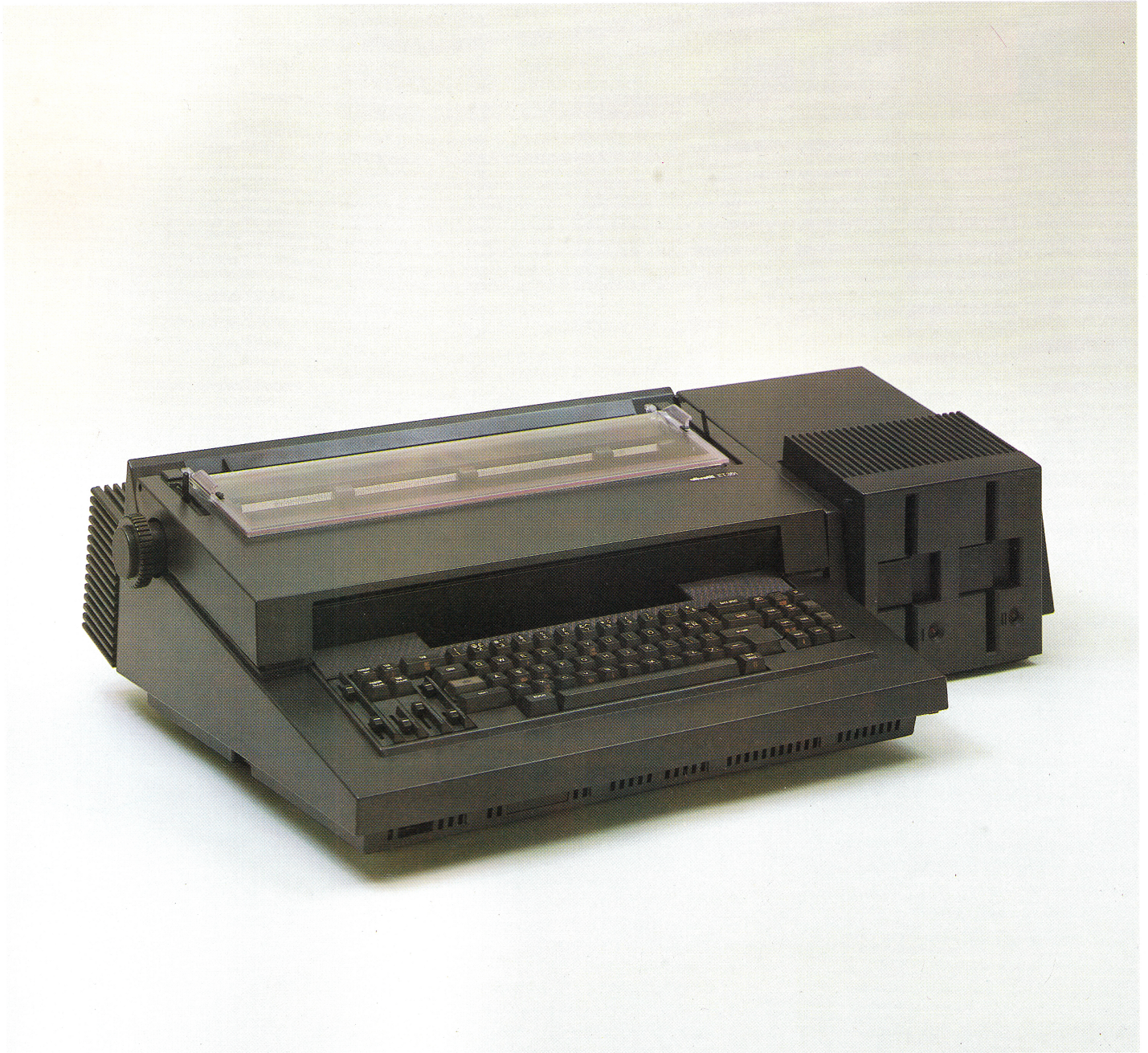




olivetti

ET 351

Electronic Typewriter with display and external storage

External storage using interchangeable mini floppy disks
Permanent memory for storage of frequently used phrases and formats
Entry and recall display
Interchangeable daisy wheel printing element and ribbon cartridge

For editing texts,

business correspondence
standard and repetitive correspondence
documents requiring revisions and modifications
for the automatic completion of preprinted forms, tables, etc.



Completes work automatically

Because it stores on the mini-floppy disk everything that is typed on the keyboard.

Recorded texts can be used again and again and can be corrected, extended and modified, thus avoiding costly retyping of the entire document.

Makes work easier

Because its logic automates those functions that were traditionally performed manually by the typist. Modifications, additions, column layout, table format and title centering are all done rapidly and simply, with a great saving of time and increased accuracy through the use of the display.

First drafts can be the final copy

Because the display enables the typist to see the current line of typing and correct any errors before they are committed to paper, so that every letter can be ready for use the first time it is printed.

Enhances the company's image

Because interchangeable typestyles and ribbon cartridges give elegance and character to every document produced.

From letters to contracts, every printed text will reflect the unmistakeable company image.

The ET 351 is comprised of:

- an electronic keyboard with operating console
- an entry display
- an interchangeable daisy wheel printing element
- a fixed 17" carriage
- electronic logic units
- a file memory using interchangeable mini-floppy disks
- a permanent memory for recording recurrent phrases and formats
- a central processing unit.

Keyboard

Alphanumeric and function keys. 46 alphanumeric keys, giving a total of 100 characters.

REPEAT key which enables all alphanumeric keys and certain function keys to repeat.

Two shift keys.

Shift lock (with built-in signal light).

Automatic repeating space bar.

Automatic repeating carriage return.

Express to the beginning of the line.

Index key.

Tab set key.

Tab clear key.

Tab key.

Automatic cancel key.

Automatic repeating backspace key.

CODE key for allocating special functions to certain keys.

Forward key for the display.

Margin set key.

Margin clear key.

Paragraph indentation key (with built-in signal light).

Backspace key for return of one elementary space.

End-of-text-key.

SEARCH key for modifying text without printing (with built-in signal light).

PAGE key for text scanning a page at a time.

PARA key for printing or searching a paragraph at a time.

LINE key for printing or searching a line at a time.

COMMUNICATION key, for on-line connection (with built-in signal light).

START key for printing or searching to the start of a text.

P key, for defining page format.

Entry display, with electronic correction

Capacity: 40 characters, 34 for displaying data entered on the keyboard, 1 separator, 4 service characters and one showing that the mini-floppy disk is full.

Keys are provided for the following display functions:

- scrolling forward and backward
- cancellation
- insertion and replacement

Four-position spacing selector

10-pitch (Pica)

12-pitch (Elite)

15-pitch (Mikron)

Proportional Spacing

Line spacing selector

1, 1½, 2, 2½ and 3 line spacing.

Four-position editing selector

XXX - normal print

XXX - normal print underlined

XXX - boldface

XXX - boldface underlined



Three-position print selector

W/W - printing occurs after a space or a tab

RIGHT - copy is printed with right margin justification

NORM - for traditional ragged right margins

Storage system

Interchangeable floppy disk, with a capacity of 73,000 characters.

Random access.

Number of tracks per disk: 32.

Number of sectors per track: 9.

Five-position operating mode selector

DISK - for performing service operations on the mini-floppy disk.

M-P - for modification and printing of a document on a disk.

ENTER - for recording texts on disk.

STOR - for storing recurrent phrases and page formats in the permanent memory.

TPWR - traditional typewriter mode.

Three-position keyboard and line format selector

KB I - for using the standard keyboard

KB II - for using the second keyboard to type in various foreign languages.

LINE FORM - for line format definition.

Print unit

Speed up to 30 cps.

Fixed carriage to take paper up to 17" wide.

Length of writing line: 13.2".

The upper part of the machine houses the following devices:

- platen release knob
- automatic paper feed and memory line finder lever
- sliding paper guide
- paper release lever
- bail rod release lever
- adjustable anti-glare shield.

The internal portion of the machine (under the cover) houses the following additional devices:

- impression control
- multiple copy control lever.

Interchangeable ribbon cartridge

Available in four versions:

- fabric: capacity 600,000 characters
- carbon: capacity 85,000 characters (available in various colors).
- correctable carbon: capacity 85,000 characters (available in various colors).
- multistrike carbon: capacity 300,000 characters.

Correction tape

Capacity approximately 2,000 characters.

Available in two versions:

LIFT-OFF, for use with correctable carbon ribbon
COVER-UP, for use with fabric, carbon or multistrike carbon ribbon.

Printing element

Single interchangeable «daisy wheel» printing element.

Available in a variety of typestyles.

Optional devices

ASF 300 automatic Sheet Feed

SF 300 Sprocket Feed

MFDE 352 Upgrade Second Disk Drive

LCU 340 Communications, Machine to Machine and TTY Asynchronous

Central processing unit

A microprocessor that controls those components which make up the typewriter and activates the related functions.

Electrical specification

Power supply: 115V.

Frequency: 60 Hz.

Dimensions and weight

Width: 30.6 inches

Height: 9.2 inches

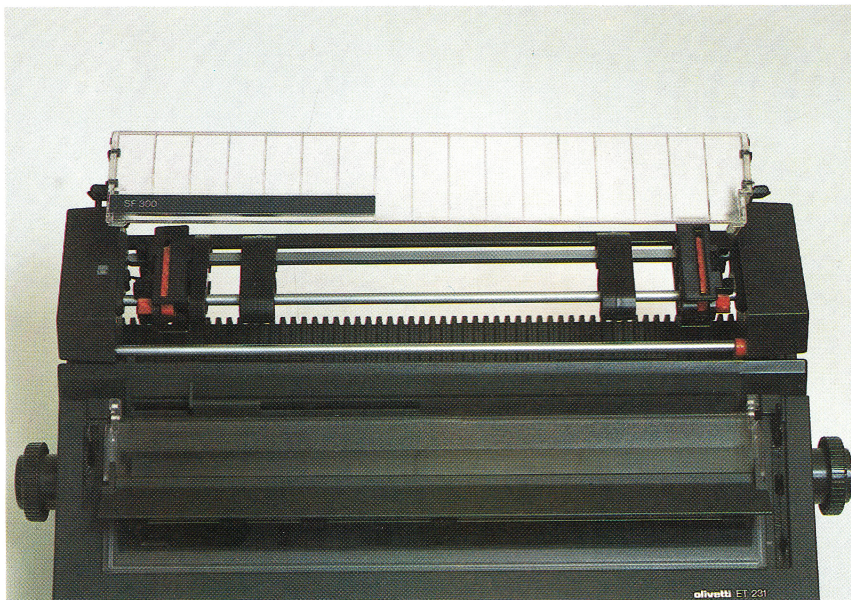
Depth: 19.4 inches

Weight: 67.8 pounds

Ambient conditions

Temperature: 15°-35°.

Relative humidity: from 20% to 80%.



APPLICATIONS

The ET 351 is designed specially for secretarial use and automates all kinds of typing applications (correspondence, reports, tables, statistical and revision typing).

RECORDING

All data entered on the keyboard is shown on the display and then recorded on a disk.

The ET 351 automatically guides the operator with prompts throughout most operations. Displaying the characters as they are entered, but before they are printed, enables the typist to detect and correct any errors before the text is printed and stored. Recurrent phrases and page formats can be stored in the permanent memory so that pre-printed forms can be completed automatically.

PRINTING

All information contained on the mini-floppy disk is printed in accordance with instructions given by the typist: layout, right-hand margin justification, title centering, tabulation, etc. Multi-formatted texts can be composed and printed, combining pre-recorded standard text and variables.

The first draft can be revised with the use of the display to make insertions, deletions, replacements of paragraphs, lines, words or characters, thus eliminating the need for retyping.

Texts recorded on the disk can be modified and updated as required. In addition, texts can be transferred from one mini-floppy disk to another (or between different sections of the same disk) simultaneously incorporating whatever

modifications are required.

The typist can also halt printing at any time and re-start by means of special keys.

Through a simple operational procedure, stop codes can be inserted into the text for entering variable data to personalize the document.

The typist can also determine the number of lines to be printed on each page; at that point printing automatically stops to enable a new piece of paper to be inserted.

When the ET 351 is equipped with a sprocket feed for continuous forms or an automatic single sheet feed, it can print in an unattended mode. It automatically stops printing at the end of the document, positions the next sheet of paper and restarts printing.

The ET 351 can also be used as a conventional typewriter. Printing occurs character by character and if required, can be visualized on the display.

PRINCIPAL FEATURES

- Electronic correction on display.
- Automatic correction on paper.
- Automatic return.
- Right margin justification.
- Automatic centering and right margin alignment.
- Automatic **underscore, bold and reverse printing.**
- Line and paragraph indentation.
- Automatic **vertical line printing.**
- Alphanumeric and decimal tabulation.
- Automatic column layout.
- Automatic paper positioning.
- Automatic **end-of-page signal.**
- Automatic **page numbering.**
- Superscripts and subscripts.
- Display of **operator messages.**
- Permanent memory for storing recurrent phrases and formats.
- **Stop codes** for entering variable data.
- Direct search in the memory by **«search key».**
- **Global search and replace.**
- Sequential search in the memory by paragraph, line, word or character.
- Automatic **text linking** and **document assembly.**
- Automatic **merging of** standard and variable text.
- **Qualified mailings.**
- Playback by paragraph or line.
- Repetitive text playback.
- Overlapped character printing.
- Line format storage.

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